

# Abbreviations and Acronyms

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ADC	affiliated data center
ADD	architecture description document
ADEOS	Advanced Earth Observing Satellite mission series (Japan)
AM	EOS Morning (AM) Crossing Mission series
AM-1	first spacecraft in the EOS AM series
AOS	acquisition of signal
	Advanced Orbiting System
API	application programming interface
APID	applications process identifier
ARC	Ames Research Center
ASF	Alaska SAR Facility
ASTER	Advanced Spaceborne Thermal Emission and Reflection Radiometer (Japanese instrument)
AVNIR	Advanced Visible and Near-Infrared Radiometer
C&DH	command and data handling
CADU	channel access data unit
CCSDS	Consultative Committee for Space Data Systems
CERES	Clouds and the Earth's Radiant Energy System
CHEM	EOS Chemistry Mission series
CI	configuration item
CLTU	command link transmission unit
CM	configuration management
Co-I	Co-Investigator
COTS	commercial off the shelf
CSCI	computer software configuration item
CSMS	Communications and System Management Segment (ECS)
CSS	Communications Subsystem

DAAC	Distributed Active Archive Center
DADS	Data Archive and Distribution System
DAF	data archive facility, EDOS
DAO	Data Assimilation Office
DAS	direct access system
	data assimilation system
DBMS	database management system
DPR	Data Processing Request
DSN	Deep Space Network
EBnet	EOSDIS Backbone Network
ECS	EOSDIS Core System
EDC	EROS Data Center
EDOS	EOS Data and Operations System
EDS	expedited data set
EDU	electronic data unit
EGS	EOS Ground System
EMC	Enterprise Monitoring and Coordination
EOC	EOS Operations Center (ECS)
EOS	Earth Observing System
EOSDIS	Earth Observing System Data and Information System
ESA	European Space Agency
ESDIS	Earth Science Data and Information System
ETM	Enhanced Thematic Mapper
ETS	EOS Test System
FDF	Flight Dynamics Facility (GSFC)
FMEA	Failure Modes and Effects Analysis
FOT	flight operations team
GCDIS	Global Change Data and Information System
GCRP	Global Change Research Program

GDS	Ground Data System (ASTER)
GN	Ground Network
GSFC	Goddard Space Flight Center
GSIF	Ground Station Interface Facility
HDF	Hierarchical Data Format
HIRDLS	High-Resolution Dynamics Limb Sounder
HK	housekeeping
HRS	High Rate System (ETS)
IAS	image assessment system
ICC	instrument control center
ICD	interface control document
IGS	International Ground Station
II	interdisciplinary investigator
IMG	Interferometric Monitor for Greenhouse Gases
IMS	information management system
IP	international partner
	Internet Protocol
IRIS	Incorporated Research Institutions for Seismology
IST	Instrument Support Toolkit (ECS)
	Instrument Support Terminal (EOSDIS)
IV&V	independent verification and validation
IWG	Investigator Working Group
JPL	Jet Propulsion Laboratory
KSA	Ku-Band Single Access
L0	level 0 (data)
LAN	local area network
Landsat	Land Remote-Sensing Satellite
LaRC	Langley Research Center
LGS	Landsat-7 Ground Station

LIM	local information manager
LIS	Lightning Imaging Sensor
LPS	Landsat Processing System
LRS	Low Rate System
LSM	local system manager (ECS)
LTIP	long-term instrument plan
LTSP	long-term science plan
LZPF	level zero processing facility
M&O	maintenance and operations
MISR	Multi-Angle Imaging Spectroradiometer
MOC	mission operations center
MODIS	Moderate-Resolution Imaging Spectroradiometer
MOPITT	Measurements of Pollution in the Troposphere
MOU	memorandum of understanding
MPS	multimode portable simulator (ETS)
MSS	System Management Subsystem
MTPE	Mission to Planet Earth
NASA	National Aeronautics and Space Administration
NASDA	National Space Development Agency (Japan)
NCC	Network Control Center (GSFC)
NCEP	National Center for Environmental Protection
NESDIS	National Environmental Satellite, Data, and Information Service
NISS	NASA Institutional Support Systems
NMC	network management center
NMCC	Network Management Control Center
NOAA	National Oceanic and Atmospheric Administration
NOLAN	Nascom Operational Local Area Network
NSCAT	NASA Scatterometer
NSI	NASA Science Internet

NSIPO	NASA Science Internet Project Office
O&M	operations and maintenance
ODC	other data center
ODPR	On-Demand Production Request
OOA	Object-Oriented Analysis
OOD	Object-Oriented Development
P&S	Planning and Scheduling
PDB	Project Data Base
PDS	production data set
PGE	Product Generation Executive
PGS	Product Generation System
PI	principal investigator
PM	EOS Afternoon (PM) Crossing Mission series
POLDER	Polarization and Directionality of Reflectances Precipitation Radar
PR	precipitation radar
PSAT	predicted site acquisition table
QA	quality assurance
QC	quality control
RMA	reliability, maintainability, and availability
RTS	real-time server
SAS	Spacecraft Analysis Software
S/C	spacecraft
SCC	Spacecraft Control Computer
SCF	Science Computing Facility
SCITF	Spacecraft Integration and Test Facility
SDP	Science Data Processing
SDPF	Sensor Data Processing Facility (GSFC)
SDVF	Software Development and Validation Facility
SDPS	Science Data Processing Segment (ECS)

SEF	Sustaining Engineering Facility
SMA	S-Band Multiple Access
S MC	System Management and Coordination Center (ECS)
SN	Space Network
SNMP	Simple Network Management Protocol
SSA	S-Band Single Access
SSIM	Spacecraft Simulator
TDRS	Tracking and Data Relay Satellite
TDRSS	Tracking and Data Relay Satellite System
TF	Transport Function
TL	team leader
TLM	telemetry
TM	team member
TMI	TRMM Microwave Imager
TOMS	Total Ozone Mapping Spectrometer
TOO	target of opportunity
TRMM	Tropical Rainfall Measuring Mission
TSDIS	TRMM Science Data and Information
USGCRP	United States Global Change Research Program
VCDU	virtual channel data unit
VIRS	Visible Infrared Scanner
WFF	Wallops Flight Facility
WOTS	Wallops Orbital Tracking Station
WSC	White Sands Complex (New Mexico)